

## CLAIMS

1. Method to minimize excess fiber cable in large-scale point-to-point fiber installations, between equipment (ODF, AE) located in different equipment (1, 2),  
5 characterized in that each location comprises at least one casing (4, 5), which casings are arranged to connect fiber cables with equipment in the locations via fan-out fiber cables (6, 7), which method comprises the following steps:
  - 10 - attaching one end of a ribbon fiber cable (3) to a casing (4) that is adherent to a first equipment location (1);
  - routing of the ribbon fiber cable with a minimum excess length to a casing (5) adherent to a second equipment location (2);
  - 15 - cutting the other end of the ribbon fiber cable (3);
  - attaching the cut end of the ribbon fiber cable (3) to the casing (5) adherent to the second equipment location (2).
2. Method to minimize excess fiber cable in large-scale point-to-point fiber installations according to claim 1  
20 whereby cables are attached by aid of fusion splicing.
3. Method to minimize excess fiber cable in large-scale point-to-point fiber installations according to claim 1  
25 or 2 whereby the fan-out cables (6, 7) are routed between the casings (4, 5) and respective equipment (ODF, AE) without excess length.

4. Method to minimize excess fiber cable in large-scale point-to-point fiber installations according to any of claim 1-3 whereby fibers in the fiber cables (7, 3) are spliced together over a splicing sleeve (12).

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5. Method to minimize excess fiber cable in large-scale point-to-point fiber installations according to any of claims 1-4 whereby a shrinking tubing (13) is attached over the splicing sleeve, as protection.

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6. Arrangement to minimize excess fiber cable in large-scale point-to-point fiber installations, between equipment (ODF, AE) located in different equipment locations (1, 2), characterized in that each location comprises at least one casing (4, 5), which casings are arranged to connect fiber cables with equipment in the locations via fan-out fiber cables (6, 7), which arrangement comprises:
- means for attaching one end of a ribbon fiber cable (3) to a casing (4) that is adherent to a first equipment location (1);
  - means for routing of the ribbon fiber cable with a minimum excess length to a casing (5) adherent to a second equipment location (2);
  - means for cutting the other end of the ribbon fiber cable (3);
  - means for attaching the cut end of the ribbon fiber cable (3) to the casing (5) adherent to the second equipment location (2).